



Weatherford®

REAL RESULTS

Milling Out Well Obstruction in One Trip, Leaving Completion Undisturbed Saves \$11 Million

Objectives

- Mill a downhole obstruction in one trip and avoid having to trip the completion string out of the hole from a depth of 26,794 ft (8,167 m).

Results

- Weatherford had a contingency plan in place for this kind of situation that would put the deepwater completion back on track as programmed. The plan involved the use of Weatherford's MillSmartSM technology and CTD[®] positive displacement motor, which has high-performance power output for optimal rates of penetration in heavy-duty milling operations.
- The obstruction was milled out in one trip, and the completion was left undisturbed.

Value to Client

- Milling in one trip saved US\$1 million in rig time.
- Avoiding a round trip of the completion from a depth of 26,794 ft (8,167 m) saved \$10 million.
- The total savings of \$11 million helped protect the economics of this operation and underscored how costly downtime can be in deepwater environments.

Weatherford's rugged CTD positive displacement motor features a fully sealed and pressure-balanced bearing assembly and proprietary high-torque power sections. The power and reliability of this motor enabled fast, single-trip milling on this job.

Location

Deepwater Gulf of Mexico

Well Type

Oil and gas

Hole Size

5-1/2 in. with 23-lb/ft tubing

Depth in

26,763 ft (8,157 m)

Depth out

26,794 ft (8,167 m)

Product/Services

- Thru-tubing fishing and re-entry services
- MillSmart technology
- 2 7/8-in. CTD motor
- ClearCut[™] MP mill

